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      USES THEREOF

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3

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Leu Thr Ala Asn Ala Gly Phe Ile Ala Pro Leu Phe Thr Val Thr Leu
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Leu Gly Thr Pro Gly Val Asn Gln Thr Lys Phe Tyr Ser Glu Glu Glu
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Ala Glu Leu Lys His Cys Phe Tyr Lys Gly Tyr Val Asn Thr Asn Ser
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Glu His Thr Ala Val Ile Ser Leu Cys Ser Gly Met Leu Gly Thr Phe
                165                 170                 175

Arg Ser His Asp Gly Asp Tyr Phe Ile Glu Pro Leu Gln Ser Met Asp
            180                 185                 190

Glu Gln Glu Asp Glu Glu Glu Gln Asn Lys Pro His Ile Ile Tyr Arg
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Arg Ser Ala Pro Gln Arg Glu Pro Ser Thr Gly Arg His Ala Cys Asp
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Thr Ser Glu His Lys Asn Arg His Ser Lys Asp Lys Lys Lys Thr Arg
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Leu Asn Ser Gly Leu Ala Thr Glu Ala Phe Ser Ala Tyr Gly Asn Lys
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Thr Asp Asn Thr Arg Glu Lys Arg Thr His Arg Arg Thr Lys Arg Phe
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Leu Ser Tyr Pro Arg Phe Val Glu Val Leu Val Val Ala Asp Asn Arg
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Met Val Ser Tyr His Gly Glu Asn Leu Gln His Tyr Ile Leu Thr Leu
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Met Ser Ile Val Ala Ser Ile Tyr Lys Asp Pro Ser Ile Gly Asn Leu
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Gln Trp Gln His Ser Lys Asn Ser Pro Gly Gly Ile His His Asp Thr
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Ala Val Leu Leu Thr Arg Gln Asp Ile Cys Arg Ala His Asp Lys Cys
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Asp Thr Leu Gly Leu Ala Glu Leu Gly Thr Ile Cys Asp Pro Tyr Arg
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Ser Cys Ser Ile Ser Glu Asp Ser Gly Leu Ser Thr Ala Phe Thr Ile
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Ala His Glu Leu Gly His Val Phe Asn Met Pro His Asp Asp Asn Asn
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Lys Cys Lys Glu Glu Gly Val Lys Ser Pro Gln His Val Met Ala Pro
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Thr Leu Asn Phe Tyr Thr Asn Pro Trp Met Trp Ser Lys Cys Ser Arg
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Lys Tyr Ile Thr Glu Phe Leu Asp Thr Gly Tyr Gly Glu Cys Leu Leu
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Asn Glu Pro Glu Ser Arg Pro Tyr Pro Leu Pro Val Gln Leu Pro Gly
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Ile Leu Tyr Asn Val Asn Lys Gln Cys Glu Leu Ile Phe Gly Pro Gly
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Ser Gln Val Cys Pro Tyr Met Met Gln Cys Arg Arg Leu Trp Cys Asn
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Asn Val Asn Gly Val His Lys Gly Cys Arg Thr Gln His Thr Pro Trp
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Ala Asp Gly Thr Glu Cys Glu Pro Gly Lys His Cys Lys Tyr Gly Phe
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Cys Val Pro Lys Glu Met Asp Val Pro Val Thr Asp Gly Ser Trp Gly
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Lys Tyr Cys Val Gly Arg Arg Met Lys Phe Lys Ser Cys Asn Thr Glu
625             630             635             640

Pro Cys Leu Lys Gln Lys Arg Asp Phe Arg Asp Glu Gln Cys Ala His
            645             650             655

Phe Asp Gly Lys His Phe Asn Ile Asn Gly Leu Leu Pro Asn Val Arg
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Trp Val Pro Lys Tyr Ser Gly Ile Leu Met Asp Arg Cys Lys Leu
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Phe Cys Arg Val Ala Gly Asn Thr Ala Tyr Tyr Gln Leu Arg Asp Arg
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Val Ile Asp Gly Thr Pro Cys Gly Gln Asp Thr Asn Asp Ile Cys Val
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Gln Gly Leu Cys Arg Gln Ala Gly Cys Asp His Val Leu Asn Ser Lys
            725             730             735

Ala Arg Arg Asp Lys Cys Gly Val Cys Gly Gly Asp Asn Ser Ser Cys
        740             745             750

Lys Thr Val Ala Gly Thr Phe Asn Thr Val His Tyr Gly Tyr Asn Thr
        755             760             765

Val Val Arg Ile Pro Ala Gly Ala Thr Asn Ile Asp Val Arg Gln His
    770             775             780

Ser Phe Ser Gly Glu Thr Asp Asp Asp Asn Tyr Leu Ala Leu Ser Ser
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Ser Lys Gly Glu Phe Leu Leu Asn Gly Asn Phe Val Val Thr Met Ala
            805             810             815

Lys Arg Glu Ile Arg Ile Gly Asn Ala Val Val Glu Tyr Ser Gly Ser
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Glu Thr Ala Val Glu Arg Ile Asn Ser Thr Asp Arg Ile Glu Gln Glu
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6

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Trp Asn Ser His Gly Pro Trp Gln Ala Cys Ser Lys Pro Cys Gln Gly
                885                 890                 895

Glu Arg Lys Arg Lys Leu Val Cys Thr Arg Glu Ser Asp Gln Leu Thr
            900                 905                 910

Val Ser Asp Gln Arg Cys Asp Arg Leu Pro Gln Pro Gly His Ile Thr
        915                 920                 925

Glu Pro Cys Gly Thr Asp Cys Asp Leu Arg Trp His Val Ala Ser Arg
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Ser Glu Cys Ser Ala Gln Cys Gly Leu Gly Tyr Arg Thr Leu Asp Ile
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Tyr Cys Ala Lys Tyr Ser Arg Leu Asp Gly Lys Thr Glu Lys Val Asp
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Asp Gly Phe Cys Ser Ser His Pro Lys Pro Asn Arg Glu Lys Cys
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Ser Gly Glu Cys Asn Thr Gly Gly Trp Arg Tyr Ser Ala Trp Thr Glu
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Cys Ser Lys Ser Cys Asp Gly Gly Thr Gln Arg Arg Arg Ala Ile Cys
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Val Asn Thr Arg Asn Asp Val Leu Asp Asp Ser Lys Cys Thr His Gln
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Glu Lys Val Thr Ile Gln Arg Cys Ser Glu Phe Pro Cys Pro Gln Trp
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Lys Ser Gly Asp Trp Ser Glu Cys Leu Val Thr Cys Gly Lys Gly His
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Lys His Arg Gln Val Trp Cys Gln Phe Gly Glu Asp Arg Leu Asn Asp
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Gly Thr Tyr Met Ser Val Val Asp Asp Asn Asp Cys Asn Ala Ala Thr
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Arg Pro Thr Asp Thr Gln Asp Cys Glu Leu Pro Ser Gln His Pro Pro
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Pro Ala Ala Pro Glu Thr Arg Arg Ser Thr Tyr Ser Ala Pro Arg Thr
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Gln Trp Arg Phe Gly Ser Trp Thr Pro Cys Ser Ala Thr Cys Gly Lys
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Gly Thr Arg Met Arg Tyr Val Ser Cys Arg Asp Glu Asn Gly Ser Val
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Ala Asp Glu Ser Ala Cys Ala Thr Leu Pro Arg Pro Val Ala Lys Glu
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Glu Cys Ser Val Thr Pro Cys Gly Gln Trp Lys Ala Leu Asp Trp Ser
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Ser Cys Ser Val Thr Cys Gly Gln Gly Arg Ala Thr Arg Gln Val Met
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Cys Val Asn Tyr Ser Asp His Val Ile Asp Arg Ser Glu Cys Asp Gln
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Asp Tyr Ile Pro Glu Thr Asp Gln Asp Cys Ser Met Ser Pro Cys Pro
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Gln Arg Thr Pro Asp Ser Gly Leu Ala Gln His Pro Phe Gln Asn Glu
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Asp Tyr Arg Pro Arg Ser Ala Ser Pro Ser Arg Thr His Val Leu Gly
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Gly Asn Gln Trp Arg Thr Gly Pro Trp Gly Ala Cys Ser Ser Thr Cys
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8

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Cys Gln Arg Ser Asn Gly Glu Arg Phe Pro Asp Leu Ser Cys Glu Ile
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Leu Asp Lys Pro Pro Asp Arg Glu Gln Cys Asn Thr His Ala Cys Pro
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His Asp Ala Ala Trp Ser Thr Gly Pro Trp Ser Ser Cys Ser Val Ser
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Cys Gly Arg Gly His Lys Gln Arg Asn Val Tyr Cys Met Ala Lys Asp
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Gly Ser His Leu Glu Ser Asp Tyr Cys Lys His Leu Ala Lys Pro His
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Gly His Arg Lys Cys Arg Gly Gly Arg Cys Pro Lys Trp Lys Ala Gly
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Ala Trp Ser Gln Cys Ser Val Ser Cys Gly Arg Gly Val Gln Gln Arg
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His Val Gly Cys Gln Ile Gly Thr His Lys Ile Ala Arg Glu Thr Glu
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Cys Asn Pro Tyr Thr Arg Pro Glu Ser Glu Arg Asp Cys Gln Gly Pro
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Arg Cys Pro Leu Tyr Thr Trp Arg Ala Glu Glu Trp Gln Glu Cys Thr
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Lys Thr Cys Gly Glu Gly Ser Arg Tyr Arg Lys Val Val Cys Val Asp
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Asp Asn Lys Asn Glu Val His Gly Ala Arg Cys Asp Val Ser Lys Arg
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Pro Val Asp Arg Glu Ser Cys Ser Leu Gln Pro Cys Glu Tyr Val Trp
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